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Title: **CN1165828A: Catalyst able to control polymerizing reaction and its application**Derwent Title: **Catalyst able to control polymerizing reaction and its application**  
(Derwent Record)Country: **CN China**Kind: **A UNEXAMINED APPLICATION FOR A PATENT FOR INV. I**Inventor: **SHENGKANG YING; China**  
**CHUNPU HU; China**  
**GUANGLOU CHENG; China****High Resolution**Assignee: **HUADONG SCIENCE AND ENGINEERING UNIV. China**  
[News, Profiles, Stocks and More about this company](#)Published / Filed: **1997-11-26 / 1997-03-13**Application Number: **CN1997000106318**IPC Code: **Advanced: C08F 4/10; C08F 12/08;**  
**Core: C08F 4/00; C08F 12/00;**  
**IPC-7: C08F 4/10;**  
**C08F 12/08;**ECLA Code: **None**Priority Number: **1997-03-13 CN1997000106318**Abstract: **A catalyst for controllably synthesizing the polymer with predetermined chain structure, terminal functional group, molecular weight and molecular weight distribution is prepared from cuprous halide, orthophenanthroline and its derivatives, and is used for controllable polymerizations of styrene, acrylates, isobutylene and alkylvinylether triggered by halogen-contained compound. Its advantages are easy storage, low cost, simple and feasible polymerizing conditions and adapting different types of triggers.**INPADOC  
Legal Status:










Gazette date	Code	Description (remarks)	List all possible codes for CN
2003-04-02	C02	Deemed withdrawal of patent application after publication (patent law 2001)	
2000-05-31	C10	Request of examination as to substance	
1997-11-26	C06 +	Publication	


Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	<b>CN1165828A</b>	1997-11-26	1997-03-13	Catalyst able to control polymerizing reaction and its application
1 family members shown above				

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References:

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PDF	Patent	Pub.Date	Inventor	Assignee	Title
	<a href="#">US7678869</a>	2010-03-16	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	<a href="#">US7572874</a>	2009-08-11	Matyjaszewski; Krzysztof	Carnegie Mellon University	Processes based on atom (or group) transfer radical polymerization and novel (co)polymers having useful structures and properties
	<a href="#">US6541580</a>	2003-04-01	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	<a href="#">US6538091</a>	2003-03-25	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	<a href="#">US6512060</a>	2003-01-28	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	<a href="#">US6407187</a>	2002-06-18	Matyjaszewski; Krzysztof	Carnegie Mellon University	(Co)polymers and a novel polymerization process based on atom (or group) transfer radical polymerization
	<a href="#">US6288186</a>	2001-09-11	Matyjaszewski; Krzysztof	Carnegie Mellon University	Rate enhancement of nitroxyl radical- mediated polymerization
	<a href="#">US6162882</a>	2000-12-19	Matyjaszewski; Krzysztof	Carnegie Mellon University	Preparation of novel homo- and copolymers using atom transfer radical polymerization
	<a href="#">US6121371</a>	2000-09-19	Matyjaszewski; Krzysztof	Carnegie Mellon University	Application of atom transfer radical polymerization to

					<a href="#">water-borne polymerization systems</a>
	 <a href="#">US6111022</a>	2000-08-29	Matyjaszewski; Krzysztof	Carnegie-Mellon University	<a href="#">Preparation of novel homo- and copolymers using atom transfer radical polymerization</a>

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